

Patent claim

Method for utilization of rubber wastes with simultaneous carrying of pyrolysis of coal in cells of a coke oven battery, in which each consequent cell is filled with previously prepared and disintegrated blend of coke coals, characterized in, that to each charge of the blend of coke coals of a size of particles 0,1 – 5,0 mm in amount of 95 –99 % by weight, a rubber granulate is added in a form of a rubber grain of a size of particles 0,1 – 5,0 mm in amount of 1 –5% by weight, and in a gravitational charge filling system preferable size of particles is between 0,1 –20,0 mm, and thus formed composition of coking coals charge and rubber grain is thickened by mechanical compacting till an uniform structure of a whole charge is obtained, and then a process for utilization of rubber wastes is carried out in a closed system without an access of oxygen at a temperature of at least 900 °C with a simultaneous pyrolysis of coal.